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IN THE UNITED STATES DISTRICT COURT EASTERN DISTRICT OF TEXAS MARSHALL DIVISION

DATATREASURY CORP.,	§	
Plaintiff	§	CIVIL ACTION NO.
	§	2:04-CV-85
VS.	§	Hon. David J. Folsom
	§	
SMALL VALUE PAYMENTS	§	
COMPANY	§	
Defendant	Š	

PLAINTIFF'S PRELIMINARY CLAIM CONSTRUCTION AND EXTRINSIC EVIDENCE

Plaintiff DataTreasury Corp. ("DataTreasury") submits the following terms and claims construction and contends that those claims previously construed by the Court should be construed in the same manner. The additional term "Image" is included for construction with the proposed construction.

Further extrinsic evidence may be provided by Professor John Hiles of the United States Post Naval Graduate School.

COURT'S CLAIM CONSTRUCTION CHART U.S. PATENT NOS. 5,910,988 AND 6,032,137

Remote	"at a physical separate locations; not near or immediate; distant."	As construed by the Court in its Markman Order
Subsystem	"an organization of computer components that comprises a functional unit that is part of a larger system."	As construed by the Court in its Markman Order
Data access subsystems	"a subsystem that provides for the input of transaction data into the overall system and provides that data to other parts of the overall system."	As construed by the Court in its Markman Order
Data collecting subsystem	"a subsystem that receives data from remote data access subsystems and transmits that data to a central data processing subsystem."	As construed by the Court in its Markman Order
Subsystem identification information	"the information that identifies the remote data subsystem or a subsystem that is a part of the remote data access subsystem."	As construed by the Court in its Markman Order
Data access controller	"a computer chip, circuit board, or a computer that interfaces between the imaging subsystem and the remainder of the overall claimed system, and controls the operation of the imaging subsystem."	As construed by the Court in its Markman Order

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As construed by the Court in its Markman Order		
"information concerning a transaction reflected on a paper document, where the 'paper transaction data' includes and image of the paper document when it is transmitted from the remote data access subsystem"	"When the term "transaction data" is used in the claims without an accompanying definite article (e.g., "the" or "said"), it should be understood to encompass any type of transaction data and not be limited to "paper transaction data." "When the term is used with a definite article (e.g., "the" or "said"), it should be understood to refer to the type or types of transaction data for which there is an antecedent in the claim."	"Therefore, the word 'data' must be understood from the context of the claims in which it appears." 'data' means 'transaction data'."
Paper transaction data, transaction data, data		

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As construed by the Court in its Markman Order				As construed by the Court in its Markman Order	As construed by the Court in its Markman Order	As construed by the Court in its Markman Order	As construed by the Court in its Markman Order
"the performance of operations upon data and information upon data and information. in contrast	to the processing overhead of the operating system and networks."			"Sending electronically."	"Sending of data electronically."	"checking or testing the accuracy, exactness or authenticity of."	"a connection of computer and/or devices to facilitate the transmission of data between the computer and/or devices"
Processing				Sending	"Transmission" and All of its Forms (including "transmit" and "transmitting").	Verifying	Communication Network

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As construed by the Court in its Markman Order	As construed by the Court in its Markman Order	As construed by the Court in its Markman Order	As construed by the Court in its Markman Order	As construed by the Court in its Markman Order
"the communication network facilitates the transmission of transaction data within the one or more data access subsystems, and within the data processing subsystem, and it also facilitates the transmission of transaction data between the	"a communication network that is external to the remote locations, the central location and the intermediate location."	"the transformation of data into a form unreadable by anyone without a secret decryption key. Its purpose is to ensure privacy by keeping the information hidden from anyone for whom it is not intended."	"A hardware device that captures an optical image and converts it into an electronic format where the image is represented as binary data."	A computer whose role in a network is to provide services and resources to users.
Within and between said one or more data access subsystems and said at least one data processing subsystem.	External Communication Network	Encrypt	scanner	Server

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As construed by the Court in its Markman Order	As construed by the Court in its Markman Order		As construed by the Court in its Markman Order	As construed by the Court in its Markman Order		
"the interrogation of devices one at a time for various purposes, such as avoiding contention, determining operational status, or determining readiness to send or receive data."	"a program that dynamically resolves the host names of one or more servers into IP addresses, for balancing the transaction data among the one or more servers."		"a predefined pattern used as a guide or reference."	"a device that is connected to a network and may be	used by an operator to correct errors in panels of stored transaction data."	
Polling	A Domain Name Services Program for Dynamically Assigning One of Said at Least One Server to Receive Portions of the Transaction Data for Balancing the Transaction Data Among Said at Least One Server		Predefined Template	Data Entry Gateway for Correctino Errors	in the Panels of Stored Transaction Data.	

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Case	e 2:04-c	v-00085-D		Do	cum	nei	nt 27	Fil	ed 01/13/2	.006	Pag
	As construed by the Court in its Markman Order		Webster's Third New International Dictionary	Attached as Exh. A.			As construed by the Court in its Markman Order	As construed by the Court in its Markman Order		As construed by the Court in its Markman Order	
	"a data-link layer device that transfers frames between connected networks or between devices connected to a network"		An optically or electronically formed representative	reproduction of an object, for example, an optical	electroptical device such as a charge-coupled	device (CCD), or other optical system.	"capturing an image of [documents and receipts (in '988)] [check (in '137)].	"the Court will not read a location into the capturing' step of claim 46."	"The Court will construe this phrase to mean 'capturing an image of documents and receipts and extraction data from the image'."	"managing, by way of a computer, a controller, or other device, the operation of the device or devices	that capture an image of the paper transaction data and send the captured image."
	Network Switch		Image				Capturing an Image of the Paper Transaction Data	Capturing an Image of Documents and Receipts and Extracting Data Therefrom		Managing the Capturing and Sending of the Transaction Data	

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A Central Location	"a location that is 'central' with respect to the 'remote locations'. Or, in other words, a 'remote location' is 'remote' from a 'central' location'. A 'central' location is distinguished from a 'remote' location, as the different modifiers in those phrases plainly suggest."	As construed by the Court in its Markman Order
Collecting and Sending the Electronic or Paper Transaction Data at Intermediate Locations	Valid	As construed by the Court in its Markman Order
Transmitting the Transaction Data Within the Intermediate Location	"The Court has previously defined the terms 'transmitting' and the phrase 'transaction data'. This phrase thus calls for transmitting the transaction data 'within the intermediate location'. The phrase means that the transaction data is transmitted inside the intermediate location."	As construed by the Court in its Markman Order
Control of the Contro		

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		As construed by the Court in its Markman Order		
		"elements recited in claim 42 preamble have been	previously defined."	
		Preamble		

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As construed by the Court in its Markman Order		As construed by the Court in its Markman Order						As construed by the Court in its Markman Order	
"each remote subsystem has associated with it a local area network (LAN) for transmitting	transaction data between the components of that remote subsystem."	Valid						"Thus, the Court will not rad a location into the 'capturing' step of claim 46."	"capturing an image of documents and receipts and extracting data from the image."
At Least One First Local Area Network for Transmitting Data Within a Corresponding	One of Said One of More Remote Subsystems	A system as in claim 44 wherein said at least one second local area network and said	at least one third local area network further comprises and further wherein said data	credit cards, smart cards and debit cards, signature data or biometric data, or (b)	paper transactions from documents and receipts.			Capturing an Image of Documents and Receipts and Extracting Data Therefrom	

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As construed by the Court in its Markman Order	As construed by the Court in its Markman Order
"The Court has previously defined the terms 'transmitting' and 'data', and those constructions will apply here. Thus, the Court will construe this phrase to mean 'transmitting data', as those terms have been previously construed, from remote location to the intermediate location that corresponds to or services that remote location."	"The Court has previously defined the terms 'transmitting' and 'data', and those constructions will apply here. Therefore, the Court will construe this phrase to mean 'transmitting data', as those terms have been previously defined, from intermediate location to the central location that corresponds to or services that intermediate location."
Transmitting Data from Each Remote Location to Corresponding Intermediate Location	Transmitting Data from Each Intermediate Location to Corresponding Central Locations

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	As construed by the Court in its Markman Order							
	Valid							
	A method as in claim 48 wherein said	transmitting data from each intermediate	location to corresponding central locations	step further comprises the steps of:	packaging the transaction data into frames;	and transmitting the frames through the	external communication network.	

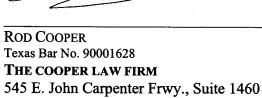
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As construed by the Court in its Markman Order	As construed by the Court in its Markman Order
Valid.	Portions previously construed. "the Court will not construe those various components."
A method as in claim 46 wherein said data is obtained from (a) electronic transactions from credit cards, smart cards and debit cards, signature data or biometric data, or (b) paper transactions from documents and receipts.	Paper Transaction Data Including a Payer Bank's Routing Number, a Payer Bank's Routing Information, a Payer's Account Number, a Payer's Check, a Payer Bank's Draft, a Check Amount, a Payee Bank's Identification Number, a Payee Bank's Routing Information, and a Payee's Account Number

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[Paper] Transaction Data Including a Payer Bank's Routing Number, a Payer Bank's Routing Information, a Payer's Account Number, a Payer's Check, a Payer Bank's Draft, a Check Amount, a Payee Bank's Identification Number, a Payee Bank's Routing Information, and a Payee's Account Number	"the Court will not construe those various components."	As construed by the Court in its Markman Order
With the Data Access Subsystem Providing Encrypted Subsystem Identification	"the data access subsystem encrypts subsystem identification information and encrypts paper	As construed by the Court in its Markman Order
Information and Encrypted Paper Transaction Data to the Data Processing	transaction data and provides the encrypted information and encrypted data for transmission to the data processing subsystem "	
Succession	The desired street of the stre	

Respectfully submitted,



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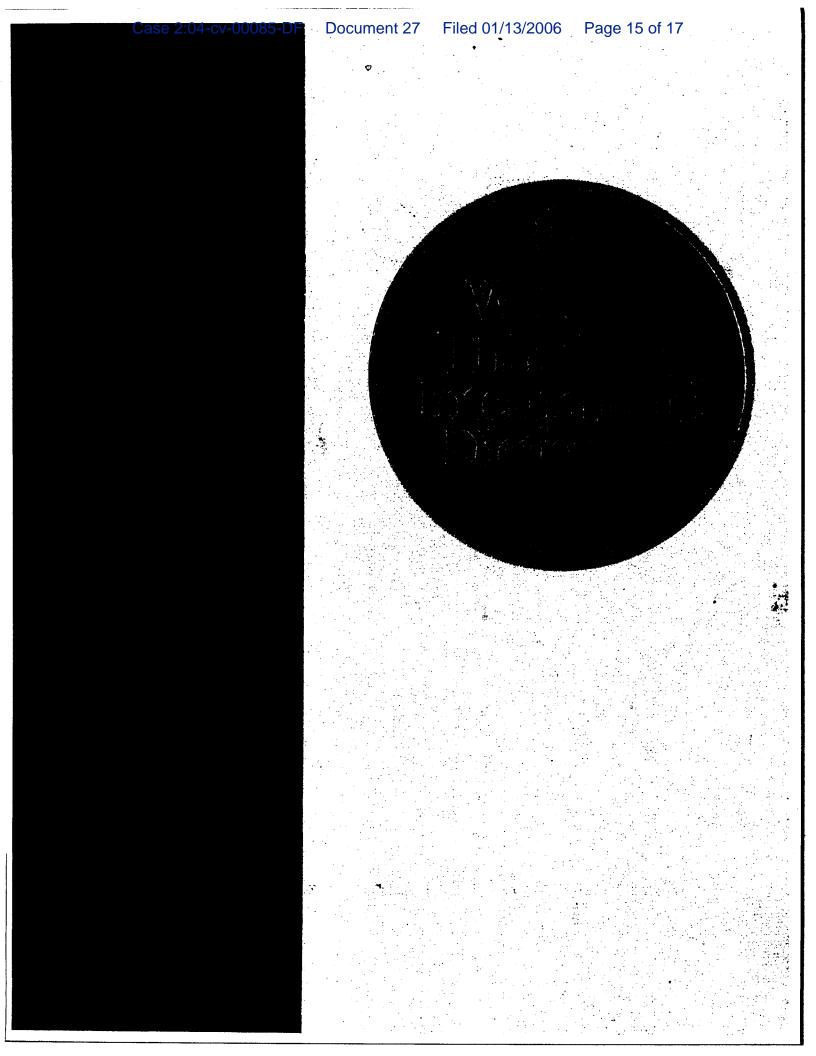
A true and correct copy of the above and foregoing document has been served electronically on all counsel of record for NCR on this 3rd day of January, 2006:

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pass through the narrow slit of the spectrograph thereby increasing the intensity of the star's spectrum several times image space n: a space in connection with an optical system each of whose points is an image of a corresponding point in the object space image then n: came of the object space image worship n: the worship of images as the special residence of a divine spirit or supernatural power: DOLATRY image in-able \dangle magic number of the spirit or supernatural power: DOLATRY image in-able \dangle magic number of the spirit or supernatural power: DOLATRY image in-able \dangle magic number of the spirit or supernatural power: DOLATRY image in-able \dangle magic number of the spirit or supernatural power: DOLATRY image in-able \dangle magic number of image in-able \dangle model number of imagic number of imagic number of imaginal \dangle model number of imaginal number

heighten the notion of extravagant fancy far transcending the usual, ordinary, or real (one of those coan errors to which we are subject before the clear commonplace of daylight orders and moderates our tenebrous and fantastical imaginations—Rose Macaulay (a fantastic world inhabited by monsters of iron and steel —Louis Bromfield) (two heroes may mangle each other in every impossible and fantastic way, beyond the bounds of the faintest shadow of verisimilitude —H.O.Taylor) CHMERICAL SUSPESS the wild, utterly unreal, and extravagantly imaginary characteristics of creations of classical mythology (the defeat was more complete, more humiliating ... the hopes of revival more chimerical—Times Lit. Supp.) (as chimerical as a specter—Bernard Smith) QUIXOTIC describes completely unrealistic and impractical devotion to romantic or chivalric ideals (was quixotic, and would not permit a secret service and spies —G.K.Chesterton) (among the last quixotic acts of his life was an attempt to set up a Greek academy for aspiring authors—Alfred Kreymborg) (be so quixotic as to stand upon principles at the risk of losing the business—R.M.Cunningham)

*Imaginary number (as 2+3i) whose imaginary part is not zero imaginary number n : MAGINARY 2 imaginary mumber n : the part of a complex number (as "3i" in 2+3i) that has the imaginary unit as a factor imaginary unit n : the positive square root of minus 1 : +√-I - symbol i

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3 a : complete nonsense : utter foolish
ive without food); also : FUTILITY
foolish or nonsensical
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